



ATTORNEY DOCKET NO.
068758.0185

PATENT

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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; that I believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter which is claimed and for which a patent is sought on the invention or design entitled "**Method and Apparatus for Channel Estimation in Radio Systems By MMSE-Based Recursive Filtering**" the specification of which (check one):

_____ is attached hereto; or

x was filed on April 9, 2004 as

Application Serial No. 10/821,827

and was amended on _____ (if applicable);

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| <u>Number</u> | <u>Country</u> | <u>Date Filed</u> | <u>Priority Claimed (Yes) (No)</u> |
|-----------------|----------------|-----------------------|--|
| DE 103 16 803.6 | Germany | 04/11/03 | Yes |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in

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the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| <u>Application</u> <u>Serial Number</u> | <u>Date</u> <u>Filed</u> | <u>Status</u> |
|--|-----------------------------|---------------|
| NONE | | |

I hereby appoint the following:

| | |
|-----------------------|-----------------|
| Scott F. Partridge | Reg. No. 28,142 |
| Jerry W. Mills | Reg. No. 23,005 |
| Mitchell D. Lukin | Reg. No. 30,772 |
| Bruce W. Slayden II | Reg. No. 33,790 |
| Paul Katz | Reg. No. 35,917 |
| Paul Morico | Reg. No. 35,960 |
| Ronald Chichester | Reg. No. 36,765 |
| R. William Beard, Jr. | Reg. No. 39,903 |
| Ann C. Livingston | Reg. No. 32,479 |
| Thomas R. Felger | Reg. No. 28,842 |
| Roger J. Fulghum | Reg. No. 39,678 |
| Claude E. Cooke, Jr. | Reg. No. 34,142 |
| Michael A. Hawes | Reg. No. 38,487 |

all of the firm of Baker Botts L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:
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Atty. Docket No. 068758.0185

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I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first inventor

Robert Denk

Inventor's Signature

Robert Denk

Date

April 19, 2004

Residence (City, County, State)

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Citizenship

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